^{64}Ni(^{16}O,^{14}C) 1972SiYD,1977Me02

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 111, 1093 (2010)	3-Mar-2009

1971KoZY, 1972SiYD: E=48 MeV, FWHM≈300 keV; E(level), $\sigma(\theta)$, θ≈30°−90°.
1977Me02: E=56 MeV, FWHM≈250 keV; E(level), $\sigma(\theta)$, θ=13°−70°; DWBA and CCBA analysis.
Other: 1994Os01, 1971Fa12.

^{66}Zn Levels

E(level)[†]	J$^{\pi}$[‡]	Comments
0	0^{+}[#]	
1040	2^{+}[#]	
1880	2^{+}	
2900	3^{-}[#]	J$^{\pi}$: 3^{-} for E(level)=2830 (1977Me02).
3900	5^{-}	

[†] From 1972SiYD, uncertainty not given.
[‡] From Adopted Levels.
[#] CCBA calculation can provide a good fit to $\sigma(\theta)$ for the adopted J^{π} value (1977Me02).